

Converting Colors

CIELCh(72, 23.404, 203.557)

Have a look what the booklet for
CIELCh(72, 23.404, 203.557)
contains.

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Color

CIELCh(72, 23.284, 204.438)

Conversions

Conversions Part 1

Format	Color
Hex	74BCC1
RGB	116, 188, 193
RGB Percent	45%, 74%, 76%
CMY	0.5441, 0.2618, 0.2422
CMYK	0.40, 0.03, 0.00, 0.24
HSL	184°, 38%, 61%
HSV	184°, 40%, 76%
XYZ	34.9210, 43.6590, 57.1785
YIQ	167.0420, -44.5170, -13.7090

Conversions

Conversions Part 2

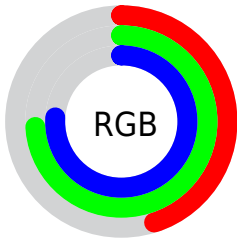
Format	Color
R _Y B	116, 153, 193
Decimal	7650497
CIE Lab	72.00, -21.20, -9.63
CIE LCh	72, 23.284, 204.438
Yxy	43.6590, 0.2572, 0.3216
Android (android.graphics.Color)	4285840577 (0xFF74BCC1)
YUV	167.0420, 12.7973, -44.7638
Hunter-Lab	66.0750, -21.2930, -5.0546

Details

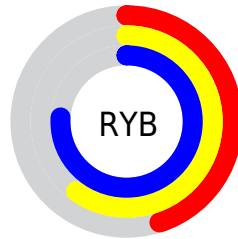
The CIELCh color **72, 23.284, 204.438** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58, 31.141, 27.896**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 23.315, 204.389**, and **52, 23.405, 204.386** is the 20% darker color. If you saturate the color by 10%, you get **71, 27.669, 204.499**, and if you desaturate by 10%, it is **73, 18.209, 204.498**.

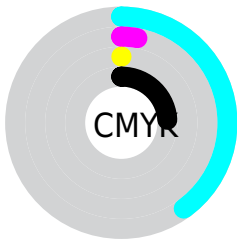
Distribution



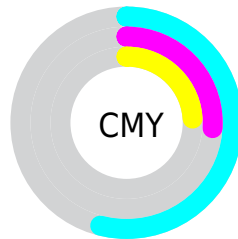
- Red (45%)
- Green (74%)
- Blue (76%)



- Red (45%)
- Yellow (60%)
- Blue (76%)



- Cyan (40%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (54%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 23.284, 204.438 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 72, 23.284, 204.438 by changing the saturation by 10% instead.


 72, 23.284,
204.438


 72, 23.284,
204.438


 100, 23.284,
204.438


 62, 23.284,
204.438


 92, 23.284,
204.438

 52, 23.284,
204.438

 42, 23.284,
204.438

 32, 23.284,
204.438

 22, 23.284,
204.438

 12, 23.284,
204.438

 2, 23.284, 204.438

0, 23.284, 204.438

72, 23.284,
204.438

72, 23.284,
204.438

71, 27.669,
204.499

73, 18.209,
204.498

70, 31.274,
204.710

75, 12.549,
204.671

69, 34.034,
205.091

76, 6.411, 204.956

78, 0.104, 19.946

68, 35.930,
205.664

80, 6.900, 25.467

68, 36.994,
206.448

82, 13.901, 25.909

67, 37.409,
207.421

84, 21.040, 26.353

■ 67, 37.414,
207.436

■ 85, 22.017, 27.859

■ 85, 21.643, 29.654

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72, 23.284, 204.438



58, 31.141, 27.896

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72, 23.284, 204.438



72, 23.284, 254.438



72, 23.284, 24.438



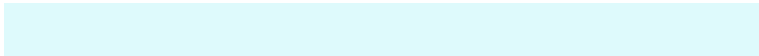
72, 23.284, 74.438

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72, 23.284, 204.435



97, 9.646, 204.877



72, 48.823, 142.762



52, 6.426, 204.836



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72, 23.284, 204.435



90, 33.299, 204.485



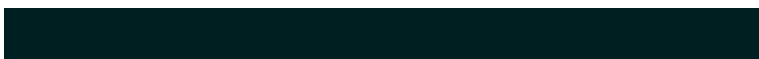
61, 25.739, 267.517



40, 3.704, 204.974



57, 32.660, 207.272



10, 11.572, 204.717

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



59, 48.245, 328.463



72, 71.153, 328.937



67, 27.817, 75.461



38, 6.913, 326.736



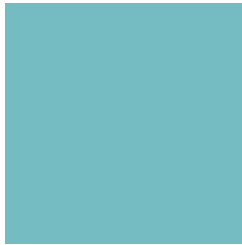
37, 77.787, 330.964



4, 22.801, 328.597

Previews

White Background



This preview shows how the CIELCh color 72, 23.284, 204.438 looks on a white background.

Color Contrast Check

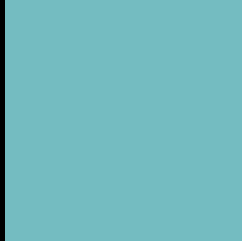
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 72, 23.284, 204.438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

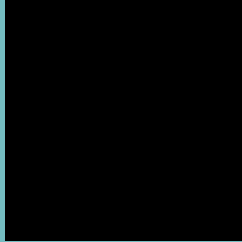
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

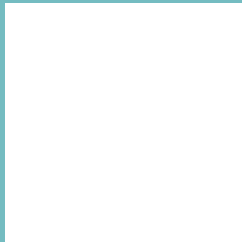
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 23.284, 204.438

Background



This preview shows how black text looks on a background with the CIELCh color 72, 23.284, 204.438.



This preview shows how white text looks on a background with the CIELCh color 72, 23.284, 204.438.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

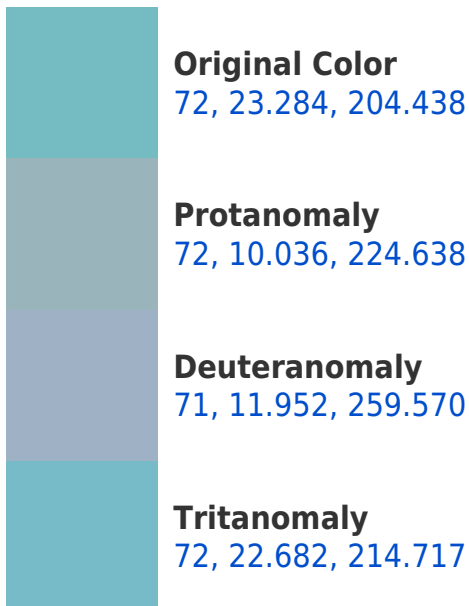
Dichromacy



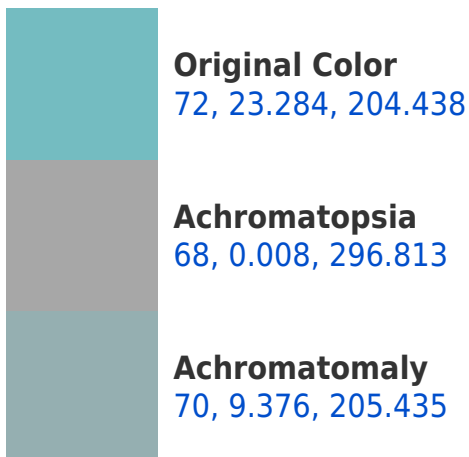


Tritanopia
72, 22.712, 219.149

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 23.284, 204.438 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(116, 188, 193)` looks like.

```
.text, #text, p{  
    color:rgb(116, 188, 193)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(116, 188, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 188, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 23.284, 204.438 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 188, 193) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(116, 188, 193) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(116, 188, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 188, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 188, 193);  
box-shadow:4px 4px 4px 4px rgb(116, 188,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 23.284, 204.438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 188, 193) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(116,  
188, 193) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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